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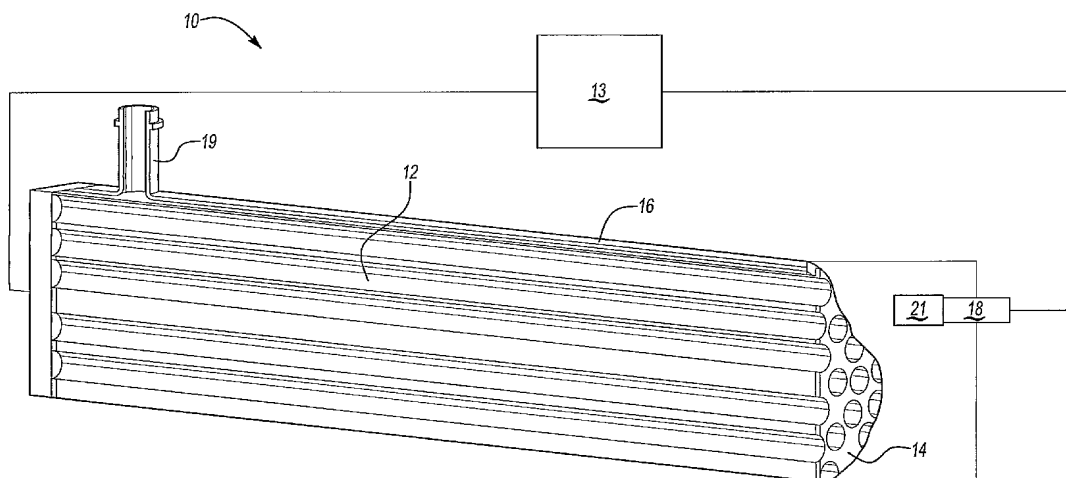
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(54) Title: INDENTED TUBE FOR A HEAT EXCHANGER



(57) Abstract: A shell tube and heat exchanger (10) includes a plurality of tubes surrounded by a shell (16). Each tube (12) includes a plurality of indentations. A mold is placed in a desired positions and orientation in a die. A tube is placed in a first position within a die, and the mold crimps the tube to form the desired indentation in the tube. The mold is then released, and the tube is moved relative to the mold to a second position. The mold again crimps the tube to form an additional indentation. Alternately, the mold includes a roller that forms a groove on the tube. The tube is translated or both translated and rotated relative to the mold to form the groove.

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